

P27997

10538766 - GAU: 1624

Sheet 1 of 4

FORM PTO-1449

U.S. Department of Commerce  
Patent and Trademark OfficeAtty. Docket No.  
P27997Application No.  
10/538,766INFORMATION DISCLOSURE STATEMENT  
BY APPLICANT  
(Use several sheets if necessary)Applicant  
Yoshihiro USUI et al.I.A. Filing Date  
December 12, 2003Group  
~~Unknown~~

## U.S. PATENT DOCUMENTS

EXAMINER INITIAL	DOCUMENT NUMBER	DATE	NAME	CLASS	SUBCLASS	FILING DATE IF APPROPRIATE

## FOREIGN PATENT DOCUMENTS

DOCUMENT NUMBER	DATE	COUNTRY	CLASS	SUBCLASS	TRANSLATION YES NO
6	- 2 3 9 8 9 3	08/30/94	JAPAN		

## OTHER DOCUMENTS (Including Author, Title, Date, Pertinent Pages, Etc.)

1	G. GLENNER et al., Biochemical and Biophysical Research Communications, Vol. 120, No. 3, 1984, pp. 885-890,
2	C.L. MASTERS et al., The EMBO Journal, Vol. 4, No. 11, 1985, pp. 2757-2763,
3	C.L. MASTERS et al., Proc. Natl. Acad. Sci. USA, Vol. 82, June 1985, pp. 4245-4249.
4	C.M. WISCHIK et al., Proc. Natl. Acad. Sci. USA, Vol. 85, June 1988, pp. 4506-4510.
5	J. KONDO et al., Neuron, Vol. 1, November 1988, pp. 827-834.
6	R. SHERRINGTON et al., Nature, Vol., 375, June 29, 1995, pp. 754-760.
7	E. LEVY-LAHAD et al., Science, Vol. 269, August 18, 1995, pp. 973-977.
8	E.I. ROGAEV et al., Nature, Vol. 376, August 31, 1995, pp. 775-778.
9	D.R. BORCHELT et al., Neuron, Vol. 17, November 1996, pp. 1005-1013.
10	T. TOMITA et al., Proc. Natl. Acad. Sci. USA, Vol. 94, March 1997, pp. 2025-2030.
11	Sai-Shin Igaku, Vol. 49, No. 9, 1994, pp. 1506-1512.
12	D.W. DICKSON et al., Society for Neuroscience Abstracts, Vol. 17, 1991, pp. 1445.
13	R. SIMAN et al., The Journal of Neuroscience, Vol. 10, No. 7, July 1990, pp. 2400-2411.
14	Shin-kei Shinpo, Vol. 34, 1990, pp. 343-349.
15	Tanpaku-shitu Kaku-san Koso, Vol. 41, 1996, pp. 1476-1483.
16	Tanpaku-shitu Kaku-san Koso, Vol. 36, 1991, pp. 2-11.
17	Igaku no Ayumi, Vol. 158, No. 9, August 31, 1991, pp. 511-514.
18	Y. IHARA et al., J. Biochem., Vol. 99, 1986, pp. 1807-1810.
19	I. GRUNDKE-IQBAL et al., Proc. Natl. Acad. Sci. USA, Vol. 83, July 1986, pp. 4913-4917.
20	Seikagaku, Vol. 64, No. 5, pp. 308-312, 1992.
21	K. ISHIGURO et al., J. Biol. Chem., Vol. 267, No. 15, May 25, 1992, pp. 10897-10901.
22	K. ISHIGURO et al., FEBS Lett., Vol. 325, July 1993, pp. 167-172.
23	English Language Abstract of JP 6-239893, Date Publication 08/30/94.
24	B.A. YANKNER et al., Science, Vol. 250, 1990, pp. 279-283.
25	A. TAKASHIMA et al., Proc. Natl. Acad. Sci. USA, Vol. 90, August 1993, pp. 7789-7793.

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		6 5 8 6 4 4 1	07/01/03	BORRONI et al.			
	2003	0 1 8 7 0 0 4	10/02/03	ALMARIO GARCIO et al.			
		4 5 0 7 3 0 2	03/26/85	FAST et al.			
		4 6 1 9 9 3 3	10/28/86	STRINGFELLOW et al.			
		4 7 2 5 6 0 0	02/16/88	TAKAYA et al.			

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	6	- 3 2 9 5 5 1	11/29/94	JAPAN			
	98	/ 2 4 7 8 2	06/11/98	W.I.P.O.			
	00	/ 1 8 7 5 8	04/06/00	W.I.P.O.			
		0 1 6 8 2 6 2	01/15/86	E.P.O.			
		1 1 3 6 4 8 2	09/26/01	E.P.O.			
	49	- 0 3 5 6 3 1	04/02/74	JAPAN			
	49	- 3 5 6 3 2	04/02/74	JAPAN			
	49	- 0 3 5 6 3 3	04/02/74	JAPAN			
	49	- 3 5 6 3 4	04/02/74	JAPAN			
	52	- 0 7 1 4 8 1	06/14/77	JAPAN			

## OTHER DOCUMENTS (Including Author, Title, Date, Pertinent Pages, Etc.)

26	H. YINGLIN, Tetrahedron Letters, Vol. 30, No. 39, 1989, pp. 5285-5286.
27	English language Abstract of JP 6-329551 Date Publication 11/29/94.
28	H. YINGLIN, Synthesis, pp. 122-124, February 1990.
29	R.L. DUNCAN Jr. et al., J. Med. Chem., Vol. 13, No. 1, January 1970, pp. 1-6.
30	D.L. THAI et al., J. Med. Chem., Vol. 41, 1998, pp. 591-601.
31	Chemical Abstracts, Vol. 100, No. 28, 1984, Columbus, Ohio, US, Abstract No. 174768e, M.F. BRANA et al., "Reaction of N-(1-Oxido-4-Pyridylmethyl)-3,5-Dimethylbenzamide with Malononitrile in Acetic Anhydride", page 627; XP002127059.
32	Chemical Abstracts, Vol. 84, No. 7, 1976, Columbus, Ohio, US, Abstract No. 44112b, Tani et al., "4-Hydroxy-Pyridylpyrimidine Derivatives", Page 502, XP002127060.
33	Chemical Abstracts, Vol. 82, No. 28, 1975, Columbus, Ohio, US, Abstract No. 171028n, Tani et al., "2,4,5-Trisubstituted-6-Pyridylpyrimidine Derivatives", page 555, XP002127061.

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		6 4 1 0 7 2 9	06/25/02	SPOHR et al.			
		6 4 2 0 3 8 5	07/16/02	SPOHR et al.			
	2005	0 0 9 0 4 9 0	04/28/05	UEHARA et al.			
		5 6 1 2 2 8 6	03/18/97	MAYER et al.			
		6 1 0 7 3 0 1	08/22/00	ALDRICH et al.			

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	98	/ 2 4 7 8 2	06/11/98	W.I.P.O				
	93	/ 1 1 2 3 1	06/10/98	W.I.P.O				
	03	/ 0 3 7 8 8 8	05/08/03	W.I.P.O				
		2 1 8 9 7 4	08/28/95	HUNGARY				
	P	0 0 0 1 6 9 8	04/28/01	HUNGARY				

## OTHER DOCUMENTS (Including Author, Title, Date, Pertinent Pages, Etc.)

34	Chemical Abstracts, Vol. 83, No. 28, 1975, Columbus, Ohio, US, Abstract No. 10127z, Tani et al., "5-Nitro-6-Pyridylpyrimidine Derivatives", page 853, XP002127062.
35	Chemical Abstract 1992, Vol. 116, Abstract # 59167.
36	Chemical Abstract 1966, Vol. 65, Abstract # 90645.
37	Von Hans-Joachim KABBE, "Substituierte 4-Hydroxy- und 4-Amino-Pyrimidine", Liebigs. Ann. Chem., Vol. 701, pp. 144-149 (1967).
38	Harvey I. SKULNICK et al., "Pyrimidinones. 1. 2-Amino-5-Halo-6-Aryl-4(3H)-Pyrimidinones. Interferon-Inducing Antiviral Agents", J. Med. Chem., Vol. 28, pp 1864-1869 (1985).
39	U.S. Patent Application 09/787,426, filed July 2, 2001 to WATANABE et al.
40	English language Abstract of JP 52-071481, published 06/14/77.

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	2005	/ 1 3 0 9 9 8	06/16/05	ALMARIO GARCIA et al.			
	2005	/ 1 3 0 9 6 7	06/16/05	UEHARA et al.			
	2006	/ 2 5 2 7 6 8	11/09/06	WATANABE et al.			
		4 1 6 6 1 8 0	08/28/79	KATO et al.			

## FOREIGN PATENT DOCUMENTS

		DOCUMENT NUMBER	DATE	COUNTRY	CLASS	SUBCLASS	TRANSLATION YES NO
		0 3 5 4 1 7 9	07/20/89	EPO			
	01	/ 0 7 0 7 2 8	09/27/01	WIPO			
	01	/ 0 7 0 7 2 9	09/27/01	WIPO			
	2004	/ 0 8 5 4 0 8	10/07/04	WIPO			
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	52	- 1 3 9 0 8 5	11/19/77	JAPAN			

## OTHER DOCUMENTS (Including Author, Title, Date, Pertinent Pages, Etc.)

		Anthony R. WEST, Solid State Chemistry and Its Applications", Wiley, New York, 1988 pp. 358 and 365
		Sudha R. VIPPAGUNTA et al., "Crystalline Solids", Advance Drug Delivery Reviews, Vol. 48, pp. 3-26 (2001)
		TANI et al., CAPLUS Abstract 84:44112 (1976)
		Joachim ULRICH, Chapter 4: Crystallization, Krik-Othmer Encyclopedia of Chemical Technology (August 2002)

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